

## CLAIMS

1. A medicine management system, comprising:

storage means for storing medicine information on  
5 medicines and combination modification information showing  
change when a plurality of medicines are combined; and

combination adequacy judging means for judging  
combination adequacy based on the combination modification  
information stored in the storage means when two or more  
10 medicines are included in information of one or more  
prescriptions for a certain patient, wherein

the storage means stores medicine codes  
associated with respective medicines and combination  
modification information corresponding to a combination of  
15 medicine information rearranged according to the medicine  
codes, and

the combination adequacy judging means rearranges  
the medicine information according to the medicine codes  
stored in the storage means when two or more medicines are  
20 included in the prescription information, and judges  
combination adequacy with reference to the combination  
modification information called from the storage means  
according to obtained order and combination of the medicine  
information.

25 2. A medicine management system, comprising:

storage means for storing medicine information on medicines and combination modification information showing change when a plurality of medicines are combined; and

5 combination adequacy judging means for judging combination adequacy based on the combination modification information stored in the storage means when two or more medicines are included in prescription information, wherein

10 the storage means stores medicine related information on respective medicines, calculates combinations of two or more medicines by a hash function based on the medicine related information, and stores combination modification information for every obtained hash values, and

15 when the prescription information includes two or more medicines, the combination adequacy judging means calculates hash values based on the medicine related information stored in the storage means and calls corresponding combination modification information from the storage means based on the obtained hash values to judge  
20 combination adequacy.

3. The medicine management system as defined in Claim 1 or 2, wherein the storage means stores a master file in which unrewritable combination modification information is stored and a case card file in which  
25 combination modification information can be newly stored,

and

during judgment of combination adequacy, the combination adequacy judging means judges combination adequacy preferentially based on the combination modification information stored in the case card file.

4. The medicine management system as defined in any one of Claims 1 to 3, further comprising display means for displaying the combination adequacy judged in the combination adequacy judging means, wherein

10 combination modification information on combinations of all medicines displayed in the display means can be displayed.

5. The medicine management system as defined in Claim 4, wherein the combination modification information on combinations of all medicines displayed in the display means can be changed and can be newly stored in the case card file.

6. The medicine management system as defined in Claim 4 or 5, wherein after a medicine registration screen allowing a plurality of combined medicines to be registered with respect to each combination unit is displayed on the display means, all combinations among all combination units can be displayed by a list on a combined medicine confirmation screen, and new combination modification information can be inputted and stored in the case card

file.

7.           The medicine management system as defined in any one of Claims 4 to 6, wherein when a stored combination of medicine information has combination modification due to  
5 difference in combination order, the storage means stores the change, and when the pertinent combination is referred, medicine information is rearranged in an appropriate combination order and displayed on the display means.

8.           The medicine management system as defined in  
10 Claim 1 or 2, wherein when the prescription information includes two or more medicines, the combination adequacy judging means selects medicines to be simultaneously administered based on procedure codes stored in the storage means before rearranging the medicine information according  
15 to the medicine codes.